Military Data Bases for Health Research

PJV Conference
April 2004

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ARMY MEDICINE
CARING BEYOND THE CALL OF DUTY.

Military Data Bases for Health Research

- General Information
  - Usually requires a password
  - Access to mil.com addresses

Military Data Bases for Health Research

Military Data Systems Available for Metrics

- **Defense Manpower Data Cer**

  – https://www.dmdc.osd.mil/ids/owa/ids

  – http://www.dmdc.osd.mil/ids/archive/whathere.htm

DMDC

- Data on Department of Defense populations
  - All four services
  - DoD civilians
  - Tables download to excel
  - Has prepared downloadable power point presentations

DMDC

- Requires a password
- Will respond to specific request
- Essential information for denominator data

Defense Manpower Data Center

DMDC

Demonstration

(I hope)

https://www.dmdc.osd.mil/ids/owa/ids

http://www.dmdc.osd.mil/ids/archive/whathere.htm

Defense Medical Surveillance Activity

- DMSA is housed at WRAMC
- Part of CHPPM
- COL Mark Rubertone is director
- Has two data bases available
  - DMSS (Defense Medical Surveillance System)
  - DMED (Defense Medical Epidemiological Database)

Defense Medical Surveillance Activity

- DMSS (Defense Medical Surveillance System)
  - 7.7 million personnel records
  - 2.1 million inpatient records (SIDR)
  - 79.4 million amb care records (SADR)

Defense Medical Surveillance Activity

- DMSS (Defense Medical Surveillance System)
  - 27.8 million immunization records
  - 1,7 million deployment records
  - 525,000 HRAs

Defense Medical Surveillance Activity

- DMSS (Defense Medical Surveillance System)
  - 37,500 Casualty records (Death)
  - 33.8 million specimens in the DoD serum repository
  - 16.5 million MEPs records

Defense Medical Surveillance Activity

- DMSS info can queried but only DMSS personnel have access to records
- It has personal identifiers
- For research involve your IRB and get a letter of support from COL Rubertone

Defense Medical Surveillance Activity

- Defense Medical Epidemiological Database is also part of DMSA
- DMED is the data base you can access
- Has no personal identifiers

Defense Medical Epidemiological Database

- Go to http://amsa.army.mil
- Apply for password
- Download software

Defense Medical Epidemiological Database

- Find disease or event by ICD9 co

- Apply appropriate filters
  - Service
  - Years
  - Gender
  - Ethnicity

Defense Medical Epidemiological Database

- Get data you need
- Person/years will be the description
- Manual and graphing are also available with this program

Defense Medical Epidemiological Database

Military Data Systems Available for Metrics

- **Population health operational tracking & optimization (PHOTO)**

- **MHS portal**
  - **https://pophealth.afms.mil**

Address http://photo.tma.osd.mil/

TRICARE

Force Health Protection

Customer Responsiveness

Population Health Improvement

Best Clinical Practices

Best Business Practices

PHOTO

Population Health Operational Tracking and Optimization

Log On | FAQ | User Support | Honor Roll | Publications

About PHOTO

PHOTO Metrics

- **Population Health Improvement**
  - **Breast Cancer Screening**
  - **Cervical Cancer screening**
  - **Prenatal Care in First Trimester**

PHOTO Metrics

- **Customer Responsiveness**
  - **Overall Satisfaction with Care Received at MTF**
  - **Wait Time at Appointment Standard**
  - **Wait Time for Appointment**

PHOTO Metrics

- **Best Clinical Practices**
  - **Eye Exams for Diabetics**
  - **Follow-Up after Hospitalization for Mental Illness**
  - **Checkups after Delivery**

PHOTO Metrics

- **Best Clinical Practices**
  - **Beta Blocker After Heart Attack**
  - **Asthma Management**
  - **Preventable Admission Rates for 9 Diagnoses**

PHOTO Metrics

- **Best Business Processes**

Outpatient Visits/1000 Prime Enrollees

Specialty Referrals/1000 Prime Enrollees

Discharges/1000 Prime Enrollees

Average Length of Hospital Stay for Prime Enrollees

PHOTO Metrics

- **Best Business Processes**
  - **Emergency Room Visits/1000 Prime Enrollees**
  - **Percent External Customer Workload (Outpatient)**
  - **MTF Enrollee Visits in Network/1000 Prime Enrollees**

Military Data Systems Available for Metrics

- **Patient administration systems & Biostatistics activity (PASBA)**
  - **www.pasba.amedd.army.mil/**
- **National quality management program (NQMP) www.nqmp.info/**
  - **JCAHO ORYX measures**
  - **Special studies**

Address
http://www.nqmp.info/
National Quality Management Program
External Review of Care
Register Now
Search NQMP
Login - Calendar - Newsletter
Related Links - Contact Us - Site Map
Education
Quality Management & Healthcare
Special Studies
JCAHO ORYX®
NQMP Mission...
The National Quality Management Program (NQMP) goal is to improve the quality of care provided to MHS beneficiaries through the provision of educational and analytical support and a proven process of external peer review.
About NQMP...
Free Performance Improvement Site Visits
NQMP
LOCKHEED MARTIN
Privacy Policy | FOIA

Address http://www.nqmp.info/ed/content/fact_fr.htm

National Quality Management Program

External Review of Care

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Education

- Fact Sheets
- Frequently Asked Questions
- Briefings
- Education Resources
- Education On-Line
- Contact Info

Fact Sheets

Special Studies [Help]

Year	Title	Format (Size)	Download
2003	Adolescent Immunization in the Military Health System	PDF(455k)	
2003	Asthma Care in the Military Health System	PDF(212k)	
2003	Ischemic Heart Disease in the Military Health System	PDF(465k)	
2003	Post Deployment Health in the Military Health System	PDF(241k)	
2002	Asthma Care - Appropriate Use of Medication in the Military Health System	PDF(473k)	
2002	Breast Cancer Screening in the Military Health System	PDF(289k)	
2002	Cervical Cancer Screening in the Military Health System	PDF(239k)	
2002	Childhood Immunization in the Military Health System	PDF(333k)	
2002	Chlamydia Testing for Females Enrolled to Military Treatment Facilities	PDF(266k)	
2002	Depressive Disorder Treatment in the Military Health System	PDF(427k)	
2002	Diabetes Mellitus Care in the Military Health System	PDF(329k)	
2002	Dyslipidemia in the Military Health System	PDF(289k)	
2002	Post-Deployment Health Care Evaluation and Management in the Military Health System	PDF(282k)	
2002	Tobacco Use Cessation	PDF(245k)	
2001	Asthma Care in the Military Health System	Word(232k)	
2001	Breast Cancer Screening in the Military Health System	Word(289k)	
2001	Cervical Cancer Screening in the Military Health System	Word(334k)	

Address http://www.pasba.amedd.army.mil/utilizationFrameset.html Go

PASBA

The AMEDD's link to quality information for decision support.

Organization Mission Contact Us
List Server Product Documents
Valuable Links Site Map

MHS Utilization
Utilization Home
PASBA Home

Problems?
Contact Us!

Military Health System

Utilization Reports

All Services Army Air Force Navy

Explanatory Notes
Data are for Fiscal Years 1999-2002

Army Regional Medical Commands and MTF Reports

(Click the name to open/close menus)

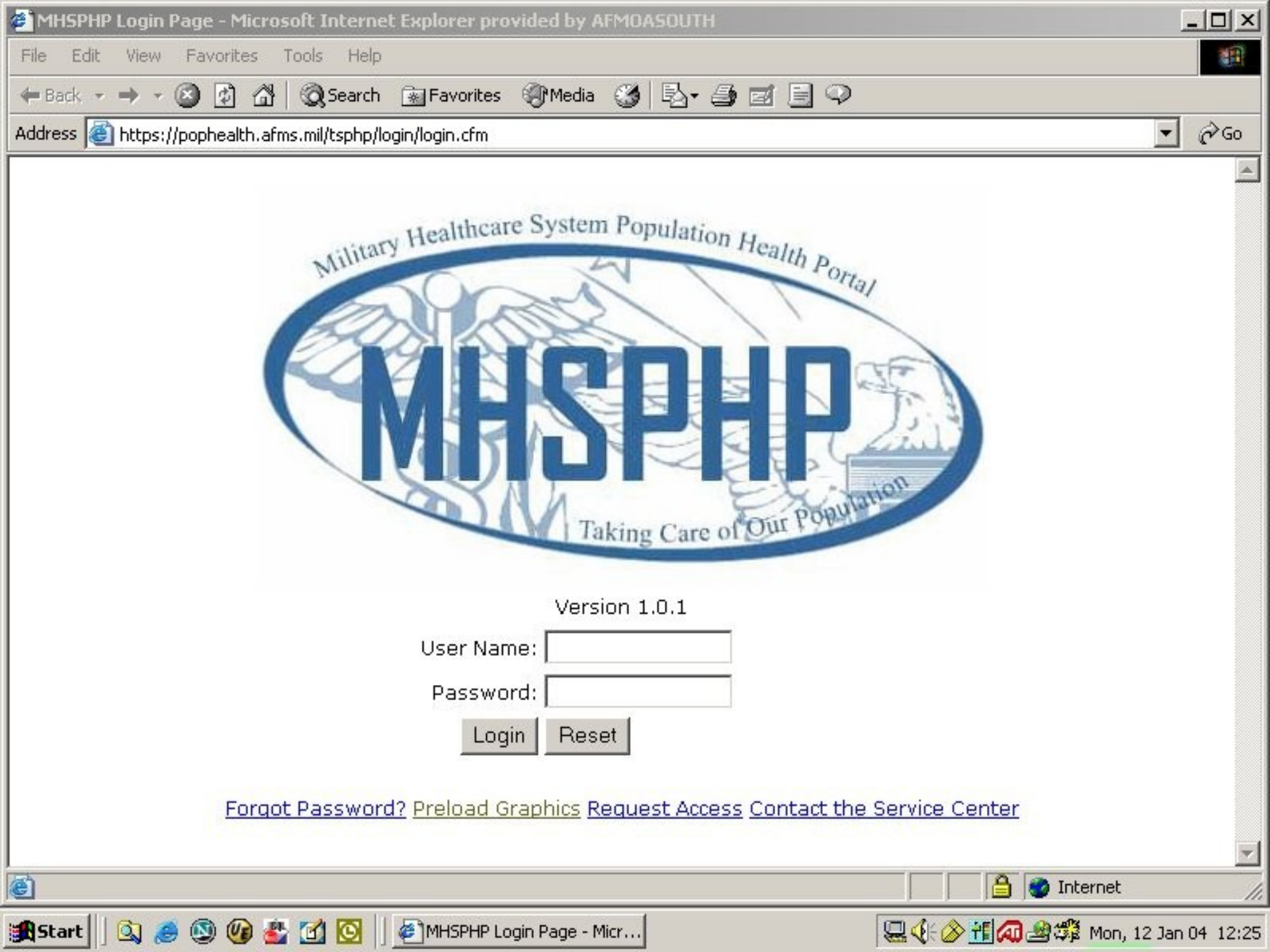
Explanatory Notes
Data are for Fiscal Years 1997-2002

Pacific | Western | Great Plains | North Atlantic | Southeast | Europe

PASBA
A LINK TO QUALITY INFORMATION FOR EFFECTIVE MANAGEMENT

U.S. ARMY MEDCOM
Quality Management Office

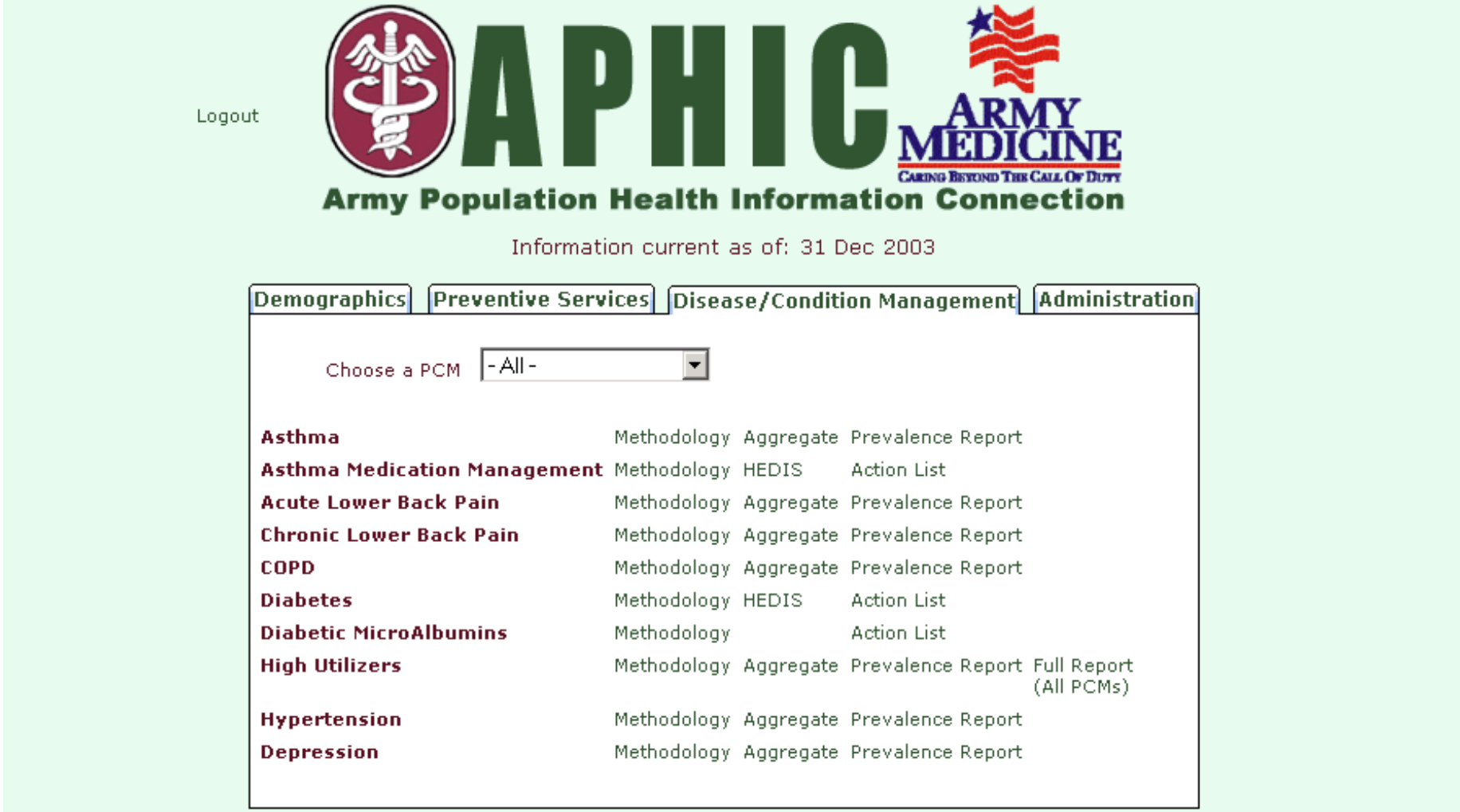
A *PASBA - MEDCOM Quality Management* Joint Project


MHSPHP Login Page - Microsoft Internet Explorer provided by AFMOASOUTH
File Edit View Favorites Tools Help
Back Search Favorites Media
Address https://pophealth.afms.mil/tsphp/login/login.cfm
Go
Military Healthcare System Population Health Portal
MHSPHP
Taking Care of Our Population
Version 1.0.1
User Name:
Password:
Login
Reset
Forgot Password? Preload Graphics Request Access Contact the Service Center
Internet
Start
MHSPHP Login Page - Micr...
Mon, 12 Jan 04 12:25

MHS Population Health Portal

- **“Index Card” Sections:**
  - **Demographic Information**
  - **Preventive Services**
  - **Disease and Condition Management**
  - **Administration**
- **Anticipated users:**
  - **Primary Care Clinic nurses**
  - **Provider Practice Managers**
- **Request a password at https://pophealth.afms.mil/**

Logout
APHIC
ARMY MEDICINE
CARING BEYOND THE CALL OF DUTY
Army Population Health Information Connection
Information current as of: 31 Dec 2003
Demographics
Preventive Services
Disease/Condition Management
Administration
Choose a PCM
- All -
Beta Blockers after MI Methodology Action List
Breast Cancer Screening Methodology HEDIS Action List
Cardiovascular Disease Methodology Action List
Cervical Cancer Screening Methodology HEDIS Action List
Lipid Panel Methodology Prevalence Report
Childhood Immunizations Methodology
HEDIS Performance Report (PDF)
Invalid Doses Adobe PDF
Missing Immunizations Adobe PDF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APHIC
ARMY MEDICINE
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Army Population Health Information Connection
Information current as of: 31 Dec 2003
Demographics
Preventive Services
Disease/Condition Management
Administration
Choose a PCM
- All -
Asthma Methodology Aggregate Prevalence Report
Asthma Medication Management Methodology HEDIS Action List
Acute Lower Back Pain Methodology Aggregate Prevalence Report
Chronic Lower Back Pain Methodology Aggregate Prevalence Report
COPD Methodology Aggregate Prevalence Report
Diabetes Methodology HEDIS Action List
Diabetic MicroAlbumins Methodology Action List
High Utilizers Methodology Aggregate Prevalence Report Full Report (All PCMs)
Hypertension Methodology Aggregate Prevalence Report
Depression Methodology Aggregate Prevalence Report